L Number	Hits		DB	Time stamp
1	3683690	password or PIN or (personal with number)	USPAT;	2004/11/02 09:18
		or key or code or (pass with phrase) or (pass with code) or passphrase or passcode	US-PGPUB; EPO; JPO;	
		(pass with code) of passphrase of passcode	DERWENT;	
			IBM TDB	,
2	8586455	expir\$3 or old or inactive or used or past	USPAT;	2004/11/02 09:19
		or historic or gone or "no longer" or	US-PGPUB;	
		previous or former or retired or dormant	EPO; JPO;	
			DERWENT; IBM TDB	
3	6450554	reactiv\$5 or activ\$5 or assign\$5 or set\$3	USPAT;	2004/11/02 09:19
-		or restor\$5 or reestablish\$5	US-PGPUB;	2001, 12, 02 05,115
			EPO; JPO;	
ļ			DERWENT;	
4	45028	(nearword on DIN on (nearonal with number)	IBM_TDB	2004/11/02 00:21
4	43026	(password or PIN or (personal with number) or key or code or (pass with phrase) or	USPAT; US-PGPUB;	2004/11/02 09:21
		(pass with code) or passphrase or	EPO; JPO;	
		passcode) with (expir\$3 or old or inactive	DERWENT;	
		or used or past or historic or gone or "no	IBM_TDB	. a
		longer" or previous or former or retired		
		or dormant) with (reactiv\$5 or activ\$5 or assign\$5 or set\$3 or restor\$5 or		
		reestablish\$5)		
5	3642	1	USPAT;	2004/11/02 09:22
		with signatur\$5) or (digital with sign\$5))	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
6	4792735	random\$5 or variabl\$5 or varying or	USPAT;	2004/11/02 09:22
	1.52.00	chang\$5	US-PGPUB;	2001/11/02 03:22
			EPO; JPO;	
			DERWENT;	
7	203783	   (password or PIN or (personal with number)	IBM TDB USPAT;	2004/11/02 09:23
<b>'</b>	203763	or key or code or (pass with phrase) or	US-PGPUB;	2004/11/02 09:23
		(pass with code) or passphrase or	EPO; JPO;	
		passcode) with (random\$5 or variabl\$5 or	DERWENT;	
	000604	varying or chang\$5)	IBM_TDB	0004/11/00 00 00
8	890684	challeng\$5 or request\$5 or question\$5 or query\$5 or authenticat\$5 or verify\$5 or	USPAT; US-PGPUB;	2004/11/02 09:23
		validat\$5 or authoriz\$5	EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
9	603	1 ' ' 4	USPAT;	2004/11/02 09:24
		number) or key or code or (pass with phrase) or (pass with code) or passphrase	US-PGPUB; EPO; JPO;	
		or passcode) with (expir\$3 or old or	DERWENT;	
		inactive or used or past or historic or	IBM_TDB	
		gone or "no longer" or previous or former	_	
		or retired or dormant) with (reactiv\$5 or		
		activ\$5 or assign\$5 or set\$3 or restor\$5 or reestablish\$5)) and ((digital with		
		certificat\$5) and ((digital with		·
		signatur\$5) or (digital with sign\$5))) and		
		((password or PIN or (personal with		
		number) or key or code or (pass with phrase) or (pass with code) or passphrase		
		or passcode) with (random\$5 or variabl\$5		·
		or varying or chang\$5)) and (challeng\$5 or		
		request\$5 or question\$5 or query\$5 or		
		authenticat\$5 or verify\$5 or validat\$5 or		
10	172513	authoriz\$5)	HCDAT.	2004/11/02 00:20
10	1/2513	firewall or VPN or SSL or (one with password) or (first with password) or	USPAT; US-PGPUB;	2004/11/02 09:28
		login or client or ((remote or external or	EPO; JPO;	
		distant) with server)	DERWENT;	
			IBM_TDB	i i

11	7475	"nublic koy" and "nainate lear"	IICDam.	12004/11/00	00.00
11	7475	"public key" and "private key"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/11/02	09:28
12	444	(((password or PIN or (personal with number) or key or code or (pass with phrase) or (pass with code) or passphrase or passcode) with (expir\$3 or old or inactive or used or past or historic or gone or "no longer" or previous or former or retired or dormant) with (reactiv\$5 or activ\$5 or assign\$5 or set\$3 or restor\$5 or reestablish\$5)) and ((digital with certificat\$5) and ((digital with signatur\$5) or (digital with signatur\$5) or (digital with signatur\$5) or (personal with number) or key or code or (pass with phrase) or (pass with code) or passphrase or passcode) with (random\$5 or variabl\$5 or varying or chang\$5)) and (challeng\$5 or request\$5 or question\$5 or query\$5 or authenticat\$5 or verify\$5 or validat\$5 or authoriz\$5)) and (firewall or VPN or SSL	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/02	10:26
13	202790	or (one with password) or (first with password) or login or client or ((remote or external or distant) with server)) and ("public key" and "private key") server and (client or user)	USPAT;	2004/11/02	00.20
	202730		US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/11/02	09.29
	6055	VPN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/11/02	09:29
18	17592	password.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/11/02	09:30
19	2	(((((password or PIN or (personal with number) or key or code or (pass with phrase) or (pass with code) or passphrase or passcode) with (expir\$3 or old or inactive or used or past or historic or gone or "no longer" or previous or former or retired or dormant) with (reactiv\$5 or activ\$5 or assign\$5 or set\$3 or restor\$5 or reestablish\$5)) and ((digital with certificat\$5) and ((digital with signatur\$5) or (digital with signatur\$5) or (digital with signatur\$5) or (personal with number) or key or code or (pass with phrase) or (pass with code) or passphrase or passcode) with (random\$5 or variabl\$5 or varying or chang\$5)) and (challeng\$5 or request\$5 or question\$5 or query\$5 or authenticat\$5 or verify\$5 or validat\$5 or authoriz\$5)) and (firewall or VPN or SSL or (one with password) or (first with password) or login or client or ((remote or external or distant) with server)) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/02	09:30
		("public key" and "private key")) and (server and (client or user)) and VPN) and password.ab.			

			· · · · · · · · · · · · · · · · · · ·	
15	170	((((password or PIN or (personal with	USPAT;	2004/11/02 10:25
	1	number) or key or code or (pass with	US-PGPUB;	
		phrase) or (pass with code) or passphrase	EPO; JPO;	
		or passcode) with (expir\$3 or old or	DERWENT;	
		inactive or used or past or historic or	IBM_TDB	
		gone or "no longer" or previous or former	_	
		or retired or dormant) with (reactiv\$5 or		
}		activ\$5 or assign\$5 or set\$3 or restor\$5		1
	i	or reestablish\$5)) and ((digital with		1
		certificat\$5) and ((digital with		
		signatur\$5) or (digital with sign\$5))) and		1
		((password or PIN or (personal with		
	-	number) or key or code or (pass with	'	
		phrase) or (pass with code) or passphrase	į	
	1	or passcode) with (random\$5 or variabl\$5		i
į	•	or varying or chang\$5)) and (challeng\$5 or		
	i	request\$5 or question\$5 or query\$5 or		
		authenticat\$5 or verify\$5 or validat\$5 or		
		authoriz\$5)) and (firewall or VPN or SSL		
		or (one with password) or (first with		
		password) or login or client or ((remote		
		or external or distant) with server)) and		
		("public key" and "private key")) and		
		(server and (client or user)) and VPN		
32	1	6324525.URPN.	USPAT	2004/11/02 10:02
53	1		USPAT	2004/11/02 10:18
54	3	5946669.URPN.	USPAT	2004/11/02 10:10
57	1	33.0003.0KIN.	USPAT	2004/11/02 10:19
58	9	5893080.URPN.		2004/11/02 10:20
61	1	3093000. UKPN.	USPAT	1
62	, –	E000063 UDDN	USPAT	2004/11/02 10:23
•	32	5889863.URPN.	USPAT	2004/11/02 10:23
65	3	5889863.URPN. and "Virtual Private	USPAT;	2004/11/02 10:25
		Network"	US-PGPUB;	
	-		EPO; JPO;	
			DERWENT;	
į	Ì		IBM TDB	
66	202	expired with password	USPAT;	2004/11/02 10:27
			US-PGPUB;	
	1		EPO; JPO;	
		·	DERWENT;	
	i		IBM TDB	
67	77	(expired with password) and ((password or	USPĀT;	2004/11/02 10:27
		PIN or (personal with number) or key or	US-PGPUB;	
		code or (pass with phrase) or (pass with	EPO; JPO;	
	:	code) or passphrase or passcode) with	DERWENT;	
		(expir\$3 or old or inactive or used or	IBM_TDB	
		past or historic or gone or "no longer" or	12.1-100	
		previous or former or retired or dormant)		
		with (reactiv\$5 or activ\$5 or assign\$5 or		
		set\$3 or restor\$5 or reestablish\$5))		
_	210		HCDAM.	2004/11/01 00 01
_	310	713/155.ccls. and @ad<20010117	USPAT;	2004/11/01 08:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
_	41	"6058480"	USPĀT;	2004/10/29 11:20
		"5668876"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM TDB	
-	36	("6058480"	USPĀT;	2004/10/29 11:20
		"5668876") and @ad<20010117	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	6631741	communicat\$4 or send\$3 or receiv\$3 or	USPAT;	2004/10/29 11:21
	0001/41	transfer\$3 or exchang\$3	US-PGPUB;	2004/10/29 11:21
		Clansiero or evolution		
Ī			EPO; JPO;	1
I	1			
			DERWENT; IBM TDB	

-	3699366		USPAT;	2004/10/29 11:21
		authorizat\$4 or certificat\$5 or code or	US-PGPUB;	
		OTP	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3733153		USPAT;	2004/10/29 11:22
		master or host or central	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
<u> </u>	1311176	challeng\$3 or request\$3 or question\$3 or	IBM_TDB USPAT;	2004/10/29 11:22
	1311170	query\$3 or check\$3	US-PGPUB;	2004/10/29 11:22
		queryes of checkes	EPO; JPO;	
			DERWENT;	
]			IBM TDB	
<del> </del>	4820419	respons\$3 or reply\$3 or mail\$3 or email\$3	USPAT;	2004/10/29 16:03
		or messag\$3 or signal\$3	US-PGPUB;	2001, 10, 23 10:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1914443	client or customer or subject or person or	USPAT;	2004/10/29 11:23
		employee	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8228335	1 - 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	USPĀT;	2004/10/29 11:26
		socket or port or layer or HTTP	US-PGPUB;	
}			EPO; JPO;	
	ļ		DERWENT;	
			IBM_TDB	
-	2120190	1	USPAT;	2004/10/29 11:26
		secur\$5	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1400315		IBM_TDB	0004/10/00 11 06
-	1498315	random or variable .	USPAT;	2004/10/29 11:26
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	7716983	inactive or old or used or expir\$3 or past	USPAT;	2004/10/29 11:27
	,,,,,,,,,	indecive of old of about of explicts of past	US-PGPUB;	2004/10/23 11:27
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	6418702	first or second or subsequent or next	USPAT;	2004/10/29 11:27
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2768	1 2	USPĀT;	2004/10/29 11:28
		key) and (private with key) and signatur\$3	US-PGPUB;	
}		and encrypt\$3	EPO; JPO;	
[			DERWENT;	
1	11050:5	42.24.3	IBM_TDB	0004/100/200
-	1185242		USPAT;	2004/10/29 11:28
		key) or (private with key) or encrypt\$3 or	US-PGPUB;	
	·	signatur\$3	EPO; JPO;	
			DERWENT;	
_	7437690	time or date or "onetime" or "one-time" or	IBM_TDB USPAT;	2004/10/29 11:29
	/ 43/050	OTM	US-PGPUB;	2004/10/29 11:29
			EPO; JPO;	
		17	DERWENT;	
			IBM TDB	
-	543482	(communicat\$4 or send\$3 or receiv\$3 or	USPAT;	2004/10/29 11:32
		transfer\$3 or exchang\$3) with (PIN or key	US-PGPUB;	1
		or login or password or authorizat\$4 or	EPO; JPO;	
		certificat\$5 or code or OTP)	DERWENT;	
	<u> </u>		IBM TDB	

-	38444	(challeng\$3 or request\$3 or question\$3 or	USPAT;	2004/10/29 11:38
		query\$3 or check\$3) with (PIN or key or	US-PGPUB;	
		login or password or authorizat\$4 or	EPO; JPO;	
		certificat\$5 or code or OTP) with (server	DERWENT;	
		or computer or processor or CPU or master	IBM_TDB	j
	20001	or host or central)	TIGD D. M.	0004/10/00 11 00
_	28881	((communicat\$4 or send\$3 or receiv\$3 or	USPAT;	2004/10/29 11:38
		transfer\$3 or exchang\$3) with (PIN or key	US-PGPUB;	
	:	or login or password or authorizat\$4 or certificat\$5 or code or OTP) ) and	EPO; JPO; DERWENT;	
		((challeng\$3 or request\$3 or question\$3 or	IBM TDB	ļ
		query\$3 or check\$3) with (PIN or key or	156-155	
		login or password or authorizat\$4 or		
1		certificat\$5 or code or OTP) with (server		
		or computer or processor or CPU or master		
		or host or central))		
-	1206685	(first or second or subsequent or next)	USPAT;	2004/10/29 11:50
	•	with (respons\$3 or reply\$3 or mail\$3 or	US-PGPUB;	
	,	email\$3 or messag\$3 or signal\$3)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	286325	(client or customer or subject or person	USPAT;	2004/10/29 11:52
		or employee ) with ((PIN or key or login	US-PGPUB;	
		or password or authorizat\$4 or	EPO; JPO;	
		certificat\$5 or code or OTP) or (time or	DERWENT;	
_	1340	date or "onetime" or "one-time" or OTM))	IBM_TDB	2004/10/29 11:54
- <del>-</del>	1340	(digital and certificate and (public with key) and (private with key) and signatur\$3	USPAT; US-PGPUB;	2004/10/29 11:54
		and encrypt\$3) and (inactive or old or	EPO; JPO;	
		used or expir\$3 or past) and (activat\$3 or	DERWENT;	
		reestablish or "re-establish" or reuse)	IBM TDB	
_	520811	password.ab. or PIN.ab. or OTP.ab. or	USPAT;	2004/10/29 11:54
	•	login.ab.	US-PGPUB;	
		_	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	6	1.	USPAT;	2004/10/29 11:55
		login.ab.) and ((challeng\$3 or request\$3	US-PGPUB;	
		or question\$3 or query\$3 or check\$3) with	EPO; JPO;	
		(authenticat\$3 or validat\$3 or certif\$3 or secur\$5) with (server or computer or	DERWENT;	
		processor or CPU or master or host or	IBM_TDB	
	:	central) with (random or variable) with		
		(inactive or old or used or expir\$3 or		
		past))		
-	1	((challeng\$3 or request\$3 or question\$3 or	USPAT;	2004/10/29 11:57
		query\$3 or check\$3) with (authenticat\$3 or	US-PGPUB;	
		validat\$3 or certif\$3 or secur\$5) with	EPO; JPO;	.
		(server or computer or processor or CPU or	DERWENT;	
		master or host or central) with (random or	IBM_TDB	
		variable) with (inactive or old or used or		
		expir\$3 or past)) and (713/155.ccls. and @ad<20010117)		
_	5.6	(challeng\$3 or request\$3 or question\$3 or	USPAT;	2004/10/29 11:58
	30	query\$3 or check\$3) with (authenticat\$3 or	US-PGPUB;	2004/10/29 11:38
		validat\$3 or certif\$3 or secur\$5) with	EPO; JPO;	
		(server or computer or processor or CPU or	DERWENT;	
		master or host or central) with (random or	IBM TDB	
		variable) with (inactive or old or used or	_	
		expir\$3 or past)		
-	2		USPAT	2004/10/29 12:02
-	0	1	USPAT	2004/10/29 12:03
_	4	(("6058480") or ("5668876")).PN.	USPAT;	2004/10/29 12:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	2	6058480.URPN.	IBM_TDB   USPAT	2004/10/29 12:56
_	1		USPAT	2004/10/29 12:56
_	29		USPAT	2004/10/29 12:57
-	0	6665800.URPN.	USPAT	2004/10/29 12:59
_	1	6496936.URPN.	USPAT	2004/10/29 13:00

-	0	6430407.URPN.	USPAT	2004/10/29 13:00
-	0	6321339.URPN.	USPAT	2004/10/29 13:01
-	0	6321339.URPN.	USPAT	2004/10/29 13:01
<del>-</del>	3	6282658.URPN.	USPAT	2004/10/29 13:02
-	5 13	6263446.URPN.	USPAT	2004/10/29 13:10
1 🗆	5		USPAT	2004/10/29 13:06
1 ]	81		USPAT	2004/10/29 13:08
	898		USPAT;	2004/10/29 13:09   2004/10/29 13:12
	0 30	one.ab. and password.ab. and time.ab.	US-PGPUB;	2004/10/29 13:12
			EPO; JPO;	
			DERWENT;	
	,		IBM TDB	
	224	VPN and socket and secure and authenticate	USPAT;	2004/10/29 13:15
		and challenge and random	US-PGPUB;	2001, 10, 23 13.13
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	(one.ab. and password.ab. and time.ab.)	USPAT;	2004/10/29 13:11
		and (VPN and socket and secure and	US-PGPUB;	
		authenticate and challenge and random)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	17940	OTP.ab. or password.ab.	USPAT;	2004/10/29 13:14
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	6	(OTP.ab. or password.ab.) and (VPN and	USPAT;	2004/10/29 13:13
		socket and secure and authenticate and	US-PGPUB;	
		challenge and random)	EPO; JPO;	
			DERWENT;	1
	17040	OMB all and an analysis and all all and an analysis and an	IBM_TDB	2004/10/00 10 14
-	17940	OTP.ab. or password.ab. or passwords.ab.	USPAT;	2004/10/29 13:14
			US-PGPUB;	
			EPO; JPO; DERWENT;	
	8	,	IBM TDB	;
_	877	network\$3 and socket and secur\$4 and	USPAT;	2004/10/29 13:15
		authenticat\$4 and challeng\$4 and random\$3	US-PGPUB;	2004/10/25 13.15
		additional of a discount of the control of the cont	EPO; JPO;	
			DERWENT;	
			IBM TDB	:
-	13	(OTP.ab. or password.ab. or passwords.ab.)	USPAT;	2004/10/29 13:27
		and (network\$3 and socket and secur\$4 and	US-PGPUB;	
		authenticat\$4 and challeng\$4 and random\$3)	EPO; JPO;	
		and @ad<20010117	DERWENT;	
1			IBM_TDB	
-	17		USPAT	2004/10/29 13:22
-	3		USPAT	2004/10/29 13:26
_	473	"one-time password"	USPAT;	2004/10/29 13:27
-	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
l _	1196	password with exchang\$3	USPAT;	2004/10/29 13:28
	1130	bassacia with evolutions	US-PGPUB;	2004/10/29 13:28
			EPO; JPO;	
	ľ	•	DERWENT;	
			IBM TDB	
-	43	"one-time password" and (password with	USPAT;	2004/10/29 13:28
	1	exchang\$3)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
-	12		USPAT;	2004/10/29 13:36
		reusing) and ("one-time password" and	US-PGPUB;	
		(password with exchang\$3)) and (password	EPO; JPO;	
		with exchang\$3)	DERWENT;	
1		6161105 UDDN	IBM_TDB	0004/10/00 10 1
L <u>-</u>	6	6161185.URPN.	USPAT	2004/10/29 13:33

		· · · · · · · · · · · · · · · · · · ·		
-	87	challeng\$3 with random\$3 with password	USPAT;	2004/10/29 13:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	71	((PIN or key or login or password or	IBM_TDB USPAT;	2004/10/29 13:40
-	'1	authorizat\$4 or certificat\$5 or code or	USPAT; US-PGPUB;	2004/10/29 13:40
		OTP) with (inactive or old or used or	EPO; JPO;	
		expir\$3 or past)) and (challeng\$3 with	DERWENT;	1
		random\$3 with password)	IBM TDB	İ
l _	2		USPAT;	2004/10/29 14:26
		200117310	US-PGPUB;	2004/10/29 14:26
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	200117310.URPN.	USPAT	2004/10/29 14:26
_	18314		USPAT;	2004/10/29 14:20
	10011	receiv\$3 or transfer\$3 or transmit\$3 or	US-PGPUB;	2004/10/23 10.00
		exchang\$3 or assign\$3)	EPO; JPO;	
		5.00.00.00.00 01 00019.000	DERWENT;	
			IBM TDB	
-	18846	(challeng\$3 or query\$3 or request\$3 or	USPAT;	2004/10/29 15:58
		question\$3) with (authenticat\$5 or	US-PGPUB;	
		verificat\$5 or secur\$5 or certificat\$5 or	EPO; JPO;	
	6	validat\$5) with (server or computer or	DERWENT;	
		machine or device or CPU or provider or	IBM TDB	
		host or distribut\$5 or vendor)		
-	3755572		USPAT;	2004/10/29 15:59
		address\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	·
			IBM TDB	
_	9814405	first or second\$3 or next or subsequent or	USPĀT;	2004/10/29 16:01
		different or secure or known or	US-PGPUB;	
		establish\$3 or previous or old or new	EPO; JPO;	1
			DERWENT;	
			IBM TDB	
-	1350	random with password	USPĀT;	2004/10/29 16:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1211794	1 .	USPAT;	2004/10/29 16:05
		or address\$3) with (first or second\$3 or	US-PGPUB;	
		next or subsequent or different or secure	EPO; JPO;	
		or known or establish\$3 or previous or old	DERWENT;	
		or new )	IBM_TDB	
-	6591736	respons\$3 or reply\$3 or mail\$3 or email\$3	USPAT;	2004/10/29 16:06
		or messag\$3 or signal\$3 or transfer\$3 or	US-PGPUB;	
		transm\$5 or transmit\$3	EPO; JPO;	
			DERWENT;	
	1105360	lararia in iluriaria	IBM_TDB	2004/10/20 16 26
-	1185360	digital or certificate or signature or	USPAT;	2004/10/29 16:06
		(public with key\$3) or encrypt\$5 or	US-PGPUB;	
		(private with key\$3)	EPO; JPO;	
			DERWENT;	
	2770	digital and contificate and signature and	IBM_TDB	2004/10/20 16:06
_	2770	digital and certificate and signature and	USPAT;	2004/10/29 16:06
		(public with key\$3) and encrypt\$5 and	US-PGPUB;	
		(private with key\$3)	EPO; JPO;	
			DERWENT;	
<u> </u>	612301	(rosponský or ropluký or mailký or omailký	IBM_TDB	2004/10/20 16-00
_	012301	(respons\$3 or reply\$3 or mail\$3 or email\$3 or messag\$3 or signal\$3 or transfer\$3 or	USPAT;	2004/10/29 16:08
1			US-PGPUB;	
		transm\$5 or transmit\$3) with (digital or	EPO; JPO;	
		certificate or signature or (public with	DERWENT;	
		key\$3) or encrypt\$5 or (private with	IBM_TDB	
L		key\$3))		

_	40	(password with (send\$3 or distribut\$3 or	USPAT:	2004/10/29 1	6:09
		receiv\$3 or transfer\$3 or transmit\$3 or	US-PGPUB;	2001, 10, 23	0.05
		exchang\$3 or assign\$3)) and ((challeng\$3	EPO; JPO;		
		or query\$3 or request\$3 or question\$3)	DERWENT;		
		with (authenticat\$5 or verificat\$5 or	IBM TDB		
		secur\$5 or certificat\$5 or validat\$5) with	1 1017 - 1018		
		(server or computer or machine or device			
		or CPU or provider or host or distribut\$5			
		or vendor)) and ((channel\$3 or path\$3 or		į	
		rout\$3 or socket or address\$3) with (first			
		or second\$3 or next or subsequent or			
		different or secure or known or			
		establish\$3 or previous or old or new ))	Ì		
		and (random with password) and (digital	ĺ		
		and certificate and signature and (public	ŀ		
		with key\$3) and encrypt\$5 and (private			
		with key\$3)) and ((respons\$3 or reply\$3 or			
		mail\$3 or email\$3 or messag\$3 or signal\$3			
		or transfer\$3 or transm\$5 or transmit\$3)			
		with (digital or certificate or signature			
		or (public with key\$3) or encrypt\$5 or			
		(private with key\$3)))			
	14		USPAT;	2004/11/01 0	7.15
	1 1	receiv\$3 or transfer\$3 or transmit\$3 or	US-PGPUB;	2004/11/01 0	7.43
		exchang\$3 or assign\$3)) and ((challeng\$3	1		
			EPO; JPO;		
		or query\$3 or request\$3 or question\$3)	DERWENT;		
	, ·	with (authenticat\$5 or verificat\$5 or	IBM_TDB		
		secur\$5 or certificat\$5 or validat\$5) with			
		(server or computer or machine or device			
		or CPU or provider or host or distribut\$5			
		or vendor)) and ((channel\$3 or path\$3 or			
		rout\$3 or socket or address\$3) with (first			
		or second\$3 or next or subsequent or			
		different or secure or known or			
		establish\$3 or previous or old or new ))			
		and (random with password) and (digital			
		and certificate and signature and (public			
	1	with key\$3) and encrypt\$5 and (private			
	†	with key\$3)) and ((respons\$3 or reply\$3 or			
	1	mail\$3 or email\$3 or messag\$3 or signal\$3			
	I	or transfer\$3 or transm\$5 or transmit\$3)			
		with (digital or certificate or signature			
	1	or (public with key\$3) or encrypt\$5 or			
		(private with key\$3)))) and @ad<20010117			
	1125	password adj3 (expir\$3 or previous or past	USPAT;	2004/11/01 1	0.46
	1123	or old or prior or inactive or cancel\$3)	US-PGPUB;	2007/11/01 1	0.40
		or ord or prior or inactive or cancerss)	'		
			EPO; JPO;		
	1		DERWENT;		
	i		IBM TDB	I	

-	1	(((password with (send\$3 or distribut\$3 or	USPAT;	2004/11/01 07:47
	1	receiv\$3 or transfer\$3 or transmit\$3 or	US-PGPUB;	
	ĺ	exchang\$3 or assign\$3)) and ((challeng\$3	EPO; JPO;	
	İ	or query\$3 or request\$3 or question\$3)	DERWENT;	
	}	with (authenticat\$5 or verificat\$5 or	IBM TDB	
		secur\$5 or certificat\$5 or validat\$5) with		
		(server or computer or machine or device		
		or CPU or provider or host or distribut\$5		
			i	
	,	or vendor)) and ((channel\$3 or path\$3 or		
		rout\$3 or socket or address\$3) with (first	İ	
		or second\$3 or next or subsequent or		
ļ		different or secure or known or	ł	
ł	1	establish\$3 or previous or old or new ))		
	Ī	and (random with password) and (digital		
		and certificate and signature and (public		
		with key\$3) and encrypt\$5 and (private		
1		with key\$3)) and ((respons\$3 or reply\$3 or	į	
		mail\$3 or email\$3 or messag\$3 or signal\$3		
	İ	or transfer\$3 or transm\$5 or transmit\$3)		
		· ·		
		with (digital or certificate or signature		
1		or (public with key\$3) or encrypt\$5 or	[	
		(private with key\$3)))) and @ad<20010117)		1
	1	and (password adj3 (expir\$3 or previous or	1	
		past or old or prior or inactive or	[	
		cancel\$3) )		
	14	((password with (send\$3 or distribut\$3 or	USPAT;	2004/11/01 08:04
		receiv\$3 or transfer\$3 or transmit\$3 or	US-PGPUB;	
		exchang\$3 or assign\$3)) and ((challeng\$3	EPO; JPO;	
'		or query\$3 or request\$3 or question\$3)	DERWENT:	
		with (authenticat\$5 or verificat\$5 or	IBM TDB	
		secur\$5 or certificat\$5 or validat\$5) with	1011_100	
		(server or computer or machine or device		
		or CPU or provider or host or distribut\$5		
		or vendor)) and ((channel\$3 or path\$3 or		
		rout\$3 or socket or address\$3) with (first		
		or second\$3 or next or subsequent or		
		different or secure or known or		
		establish\$3 or previous or old or new ))		
		and (random with password) and (digital		
		and certificate and signature and (public		
		with key\$3) and encrypt\$5 and (private		
		with key\$3)) and ((respons\$3 or reply\$3 or		
		mail\$3 or email\$3 or messag\$3 or signal\$3		
		or transfer\$3 or transm\$5 or transmit\$3)		
]		with (digital or certificate or signature		
		or (public with key\$3) or encrypt\$5 or		
	100	(private with key\$3)))) and @ad<20010117		
-	176	(password adj3 (expir\$3 or previous or	USPAT;	2004/11/01 08:06
1		past or old or prior or inactive or	US-PGPUB;	
		cancel\$3) ) and (713/\$.ccls. or	EPO; JPO;	·
		380/\$.ccls) and @ad<20010117	DERWENT;	
			IBM_TDB	
-	580	password adj3 (expir\$3 or inactive or	USPAT;	2004/11/01 08:06
1		cancel\$3 or old)	US-PGPUB;	
1			EPO; JPO;	
1 .			DERWENT;	
			IBM TDB	
1 -	. 89	(password adj3 (expir\$3 or inactive or	USPAT;	2004/11/01 08:06
}		cancel\$3 or old) ) and (713/\$.ccls. or	US-PGPUB;	2004/11/01 00.00
1				
		380/\$.ccls) and @ad<20010117	EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	3		USPAT	2004/11/01 08:19
-	6	6161185.URPN.	USPAT	2004/11/01 08:21
-	0	6341352.URPN.	USPAT	2004/11/01 08:26
-	0	6389282.URPN.	USPAT	2004/11/01 08:26
-	1	6389540.URPN.	USPAT	2004/11/01 08:26
_	2	6438550.URPN.	USPAT	2004/11/01 08:27
-	0	6728884.URPN.	USPAT	2004/11/01 08:28
	<del></del>			1 _ 0 0 - , _ 2 , 0 2 0 0 1 2 0

-	1350	random with password	USPAT;	2004/11/01 10:46
		adiada vita pada vita	US-PGPUB;	2004/11/01 10:40
1			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	119	(password adj3 (expir\$3 or previous or	USPAT;	2004/11/01 10:46
		past or old or prior or inactive or	US-PGPUB;	
		cancel\$3) ) and (random with password)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2073	challeng\$3 with authenticat\$5	USPAT;	2004/11/01 10:47
			US-PGPUB;	·
1			EPO; JPO;	ŀ
			DERWENT;	
			IBM_TDB	
-	12	,	USPAT;	2004/11/01 10:47
		past or old or prior or inactive or	US-PGPUB;	
		cancel\$3) ) and (random with password))	EPO; JPO;	
		and (challeng\$3 with authenticat\$5)	DERWENT;	
			IBM_TDB	
-	3		USPAT	2004/11/01 10:51
_	4	6128742.URPN.	USPAT	2004/11/01 10:53
-	3	6094721.URPN.	USPAT	2004/11/01 10:54
_	10	6061799.URPN.	USPAT .	2004/11/01 10:56